## INTERNATIONAL SEARCH REPORT

Int-----Application No
PCT/IB2004/051456

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A. CLASSIF IPC 7	GO2B6/00							
According to	International Patent Classification (IPC) or to both national classification	tion and IPC						
B. FIELDS		<u> <del>.</del> </u>						
	cumentation searched (classification system followed by classification G02B	n symbols)						
Documentati	ion searched other than minimum documentation to the extent that su	uch documents are included in the fields sea	arched					
Electronic da	ata base consulted during the international search (name of data bas	e and, where practical, search terms used						
EPO-Internal								
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.					
x	US 2003/137618 A1 (KIM MAN SOO) 24 July 2003 (2003-07-24)		1,6-9					
Y	abstract; figures 1-21		2-5					
Y	US 5 608 550 A (EPSTEIN ET AL) 4 March 1997 (1997-03-04) column 2 - column 3; figures 1-3 the whole document		2–5					
A	US 2003/081402 A1 (JEON SEONG-MAN 1 May 2003 (2003-05-01) abstract; figures 1-7 	N ET AL)						
Furt	her documents are listed in the continuation of box C.	X Patent family members are listed in	in annex.					
	her documents are listed in the continuation of box C. alegories of cited documents:							
"A" docume consider to consider the consider to common which citation of their the consider the consideration of the cons	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another or or other special reason (as specified) sent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but han the priority date claimed	<ul> <li>*T* later document published after the Inte or priority date and not in conflict with clied to understand the principle or the invention</li> <li>*X* document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the do</li> <li>*Y* document of particular relevance; the cannot be considered to involve an indocument is combined with one or manuals, such combination being obvious in the art.</li> <li>*A* document member of the same patent</li> </ul>	the application but early underlying the stairmed invention to considered to courant is taken alone stairmed invention ventive step when the one other such docuus to a person skilled family					
	actual completion of the international search	Date of mailing of the international sea	arch report					
	28 January 2005 mailing address of the ISA	06/04/2005 Authorized officer	· · · · · · · · · · · · · · · · · · ·					
	European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Verbandt, Y						

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